

## ELECTRICAL CONNECTOR

### ABSTRACT OF THE DISCLOSURE

An electrical connector (100) includes a housing (110) and a light source (120) inside the  
5 housing. The housing has a surface (130). A first portion of the surface permits the passage of a  
first amount of light from the light source, and a second portion of the surface permits the  
passage of a second amount of light from the light source, where the second amount of light is  
different from the first amount of light.